

Abstract of the Disclosure

A method and apparatus for generating user preference data regarding the color characteristic of an image and a method and apparatus for converting image color preference using the method and apparatus is provided. The method for generating user preference data comprises (a) obtaining an image color characteristic value of a preference image and a reference image, (b) generating {preference value, reference value} which corresponds to a pair of the preference value and the reference value, and (c) generating the pair {preference value, reference value} as preference meta-data having at least one feature block. The method for converting image color preference comprises calculating a color characteristic value with respect to an input image, generating preference meta-data having at least one feature block, the feature block comprising a block header including a feature identifier corresponding to information identifying a color characteristic and at least one feature descriptor including the preference value and the reference value, obtaining a color characteristic value with respect to the input image using the calculated color characteristic value of the input image and the color preference data, and converting the color characteristic of the input image so that the input image has the obtained color characteristic value.